

<1 MSPS SAMPLING With T/H, MULTIPLE SUPPLIES

ast

		Power Supply Requirements						Input Voltage Range	Conversion Rate	Accuracy or Linearity Lsb's	Differential Linearity Lsb's	Full Scale Error Lsb's	Zero Error Lsb's	Bipolar Zero Error Lsb's	Voltage Reference	I/O	Temperature Range				# of Pins	Starting Price /100's						
MODEL	# Bits	+Vcc	+Icc	-Vee	-Iee	+Vdd	+Idd		KSPS	+25C Tmax	+25C Tmin	+25C Tmax	+25C Tmin	+25C Tmax	+25C Tmin	+25C Tmax	+25C Tmin	INT	EXT		0 70C	-25 85	-40 85	-55 125				
AD678	12	12	20	12	34	5	12	+10,±5	200	1	1	2	2	8	####	2	2/4	2	2	+5V		P8/12	J		A	S	28	\$27.00
AD678	12									1/2	1/2	1	1	4	####		1/4 / 4		1/4 / 4			K		B	T		\$33.00	
AD1674	12	12	14	12	18	5	8	All	100	1	1			10/5	6/8/7	3/1	2	6	2	+10V		P8/12	J		A		28	\$16.27
AD1674	12	or		or						1/2	1/2			5	3/5/7	2/1	1 / 2	4	1			K		B			\$22.77	
AD1674	12	15		15										10	8	2	2	6	2						T		\$79.70	
AD7870	12	5	6	5	13			±3	100	NS	NS	NS	NS	5	5	NA	NA	5	5	+3V		P12	J	A		S	24	\$19.80
AD7870	12									1	1	1	1									K	B		T		\$24.20	
AD7870	12									1/2	1/2											L	C				\$33.00	
AD7870A	12	Mode 1 Operation only. CS and RS have control of the Bus, more flexible interface. Specs the same as AD7870J.																			P12	J						\$19.80
AD7874 (On Board 4 Track and Hold Amplifiers, 4x12 Output Register)																												
AD7874	12	5	18	5	12			±10	30/120	1	1	1	1	5	5	NS	NS	5	5	+3V		P12		A			28	\$30.80
AD7874										1/2	1/2												B		T		\$38.50	
AD7875	12	5	6	5	13			5	100	1	1	1	1	8	11/20.4	5	5	NS	NS	+3V		P12	K	B		T	24	\$24.20
AD7875	12									1/2	1/2				3.5/6.3							L	C				\$36.30	
AD7876	12	5	6	5	13			±10	100	1	1	1	1	8	11/24	NS	NS	1	1	+3V		P12		B		T	24	\$19.80
AD7876	12									1/2	1/2				3.5								C				\$27.50	
AD7878 (8x12 on Board FIFO Memory)																												
AD7878	12	5	13	5	0.1	5	5	±3	100	NS	NS	1	1	6	6	NA	NA	6	6	+3V		P12	J	A		S	28	\$30.80
AD7878	12																					K	B				\$35.20	
AD7878	12																					L					\$43.88	
AD7886	12	5	35	5	35			+5/10	666	2	2	1	1	5	5	5	5	5	5	+5V		P12	J		A		28	\$60.50
AD7886	12									1.5	1.5												K		B	S		\$71.50
AD7868 (With on board 12 bit D/A)																												
AD7868	12			5	12	5	27	±3	83	NS	NS	0.9	0.9	5	5	NA	NA	5	5		S				A		24	\$26
AD7868	12									1	1							5	5						B		\$35	
AD7869 (With on board 14 bit D/A)																												
AD7869	14			5	22	5	12	±3V	83	2	2	1	1	20	20	NS	NS	20	20	+3V		S	J				24	\$32
AD679	14	12	20	12	34	5	12	+10,±5	100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	V/Vext		P12		J		A	S	\$32.67
AD679	14									###	2 1/2	###	2 1/2	16	16	11	11	11	11					K		B	T	\$38.50
AD779	14	12	20	12	34	5	12	+10,±5	100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	V/Vext		P12	X	J		A	S	\$32.67
AD779	14									2	2	2	2	16	16	11	11	11	11					K		B	T	\$38.50
AD7871	14	5	6	5	13			±3	83	NS	NS	NS	NS	12	12	NS	NS	12	12	+3V		P12	J		A	S	28	\$32.67
AD7871	14									1	1	1	1	6	6			6	6				K		B	J		\$38.50
AD7871	14													8	8			8	8									

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MODEL	# Bits	+Vcc	+Icc mA	-Vee	-Iee mA	+Vdd	+Idd		KSPS	+25C Tmax	+25C Tmin	+25C Tmax	+25C Tmin	+25C Tmax	+25C Tmin	+25C Tmax	+25C Tmin	+25C Tmax	+25C Tmin	INT	EXT		0 70C	-25 85	-40 85	-55 125			
AD7872	14	5	6	5	13			±3	83	NS 1	NS 1	NS 1	NS 1	12 6	12 6	NS	NS	12 6	12 6	+3V		S	J K		A B	S T	16	\$30.80 \$36.30	
AD7872	14													8 8				8 8											
AD7882	16	5	27	5	30			0 to -2.5 or ± 2.5V	200 300	NS 1/2				2	2	2	2	2	2		+2.5V	P12			A B	S T	44	\$55.00	
AD7884	16	5	35	5	30			+3 or ±5	166	NS ###	NS 4 1/2	NS 1	NS 1	NS 6	NS 8	NS 6	NS 8	16 6	16 8	+3V		P12			A B		T	40	\$45.00 \$52.00
AD7885	16	5	35	5	30			+3 or ±5	166	NS ###	NS 4 1/2	NS 1	NS 1	NS 6	NS 8	NS 6	NS 8	16 6	16 8	+3V		P12			A B		T	40	\$45.00 \$52.00
AD1380	16	15	25	15	30	5	15	All	50	4 2		2	4	64	58	32	14.5	32	15	Yes		P16/S	J K				32	#####	
AD1380	16																						K					#####	
AD1876, AD676, AD677, SELF CALIBRATION, ZERO & DIFF LINEARITY																													
AD1876	16	+12	12	-12	12	+5	12		100					NS	NS	NS	NS	NS	NS		+5V	S	J					\$33.00	
AD676	16	+12	12	-12	12	+5	12	±10	100	NS ###	NS 1 1/2		NS	NS	NS	NS	NS	NS	NS		+5V	P16	J K		A B		T	24	\$31.82 \$37.25
AD677	16	+12	12	-12	12	+5	12	±10	100	NS ###	NS 1 1/2		NS	4				4				S	J K		A B		T	16	\$29.50 \$34.70
AD677														3				3					K		B		T		
AD1382, SELF CALIBRATION, ZERO																													
AD1382	16	15	73	15	65	±5	160	±5 or ±1	500		0.2	1 TYP		1	NS	96	NS	64	NS	+10V		P16	K				DH48	\$595	
AD1385, SELF CALIBRATION, ZERO & DIFF LINEARITY																													
AD1385	16	15	80	15	75	±5	160	±5 or ±1	500		0.2	1 TYP		1	1							P16	K			T	DH48	#####	